ABSTRACT:

A method of concealing errors in a single bit bitstream comprises low pass filtering the bitstream, replacing the low pass filtered signal during an error by a low frequency approximation of the signal and subsequently converting the signal by a $\Sigma\Delta$-modulator into a regenerated single bit bitstream. During the absence of an error the original bitstream may be outputted and during an error the regenerated bitstream, which is obtained from a $\Sigma\Delta$-modulator, which is bit-synchronized to the original bitstream.

(Figure 1, 2)